

Docket No. 295893US8X PCT



MAIL STOP PCT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Junichiro KAWAMOTO, et al.

SERIAL NO: 10/591,663

GAU:

FILED: September 5, 2006

EXAMINER:

FOR: RECEIVER APPARATUS, RECEIVING METHOD, AND WIRELESS COMMUNICATION SYSTEM

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Bradley D. Lytle

Registration No. 40,073

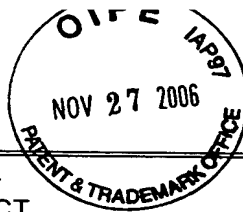
Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 05/03)

Surinder Sachar

Registration No. 34,423

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
295893US8X PCTSERIAL NO.
10/591,663

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Junichiro KAWAMOTO, et al.

FILING DATE
September 5, 2006

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AN	2003 152603	05/23/03	JP (with computer generated translation and equivalent of US 2002 161560)		NO
	AO	2004 96603	03/25/2004	JP (with computer generated translation)		NO
	AP					
	AQ					
	AR					
	AS					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AT	ABE TETSUSHI et al., "PERFORMANCE EVALUATION OF A SPACE-TIME TURBO EQUALIZER IN FREQUENCY SELECTIVE MIMO CHANNELS USING FIELD MEASUREMENT DATA", MIMO: COMMUNICATIONS SYSTEMS FROM CONCEPT TO IMPLEMENTATIONS, pages 21/1-21/5, 2001
	AU	KENICHI HIGUCHI et al., "THROUGHPUT PERFORMANCE OF HIGH-SPEED PACKET TRANSMISSION WITH ADAPTIVE MODULATION AND CODING SCHEME USING MULTIPATH INTERFERENCE CANCELLER IN W-CDMA FORWARD LINK", THE INSTITUTE OF ELECTRONICS, INFORMATION AND COMMUNICATION ENGINEERS, Vol. 100, No. 134, pages 45-52, 2000. (with English abstract)
	AV	TAKUMI ITOH et al., "COMPARISON OF COMPLEXITY-REDUCED MAXIMUM LIKELIHOOD DETECTION BASED ON SYMBOL REPLICA-CANDIDATE SELECTION WITH QR DECOMPOSITION ON THROUGHPUT AND COMPUTATIONAL COMPLEXITY IN OFCDM MIMO MULTIPLEXING", THE INSTITUTE OF ELECTRONICS, INFORMATION AND COMMUNICATION ENGINEERS, Vol. 103, No. 80, pages 61-66, 2004. (with English abstract)
	AW	GERARD J. FOSHINI, "LAYERED SPACE-TIME ARCHITECTURE FOR WIRELESS COMMUNICATION IN A FADING ENVIRONMENT WHEN USING MULTI-ELEMENT ANTENNAS", BELL LABS TECHNICAL JOURNAL, Vol. 1 No. 2, pages 41-59, 1996.
	AX	BIN DONG et al., "SAMPLING-BASED NEAR-OPTIMAL MIMO DEMODULATION ALGORITHMS", PROCEEDINGS OF THE 42 ND IEEE, pages 4214-4219, 2003
	AY	KENICHI HIGUCHI et al., "MULTIPATH INTERFERENCE CANCELLER FOR HIGH-SPEED PACKET TRANSMISSION WITH ADAPTIVE MODULATION AND CODING SCHEME IN W-CDMA FORWARD LINK", IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS, Vol.20, No. 2, pages 419-432, 2002
	AZ	FREDERICK PETRE et al., "COMBINED SPACE-TIME CHIP EQUALIZATION AND PARALLEL INTERFERENCE CANCELLATION FOR DS-CDMA DOWNLINK WITH SPATIAL MULTIPLEXING", IEEE PIMRC2002, pages 1117-1121, 2002

☐ Additional References sheet(s) attached

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. PCT Application Serial No: 10/591,663
Filed: September 5, 2006
Junichiro KAWAMOTO, et al.
Docket No. 295893 US



STATEMENT OF RELEVANCY

- 1) References AN-AO & AT-AV have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References have been cited in the corresponding Search Report. A copy of these references is being submitted herewith.
- 3) References AW-AZ are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References are additional prior art known to Applicant. A copy of these references is being submitted herewith.